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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/805,886	03/22/2004	James A. Elliott	4040-08600	1891

30652 7590 05/17/2005

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EXAMINER

NGUYEN, ANTHONY H

ART UNIT PAPER NUMBER

2854

DATE MAILED: 05/17/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/805,886

Applicant(s)

ELLIOTT ET AL.

Examiner

Anthony H. Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 February 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-38 is/are pending in the application.
- 4a) Of the above claim(s) 23-30 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 10-12 and 31-38 is/are rejected.
- 7) ☒ Claim(s) 4-9 and 13-22 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 6/18/2004.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Applicant's election without traverse of Group I, claims 1-22 and 31-38 in the reply filed on February 24, 2004 is acknowledged.

Accordingly, claims 23-30 are withdrawn from further consideration by the examiner, 37 C.F.R. § 1.142(b), as being drawn to a non-elected invention.

Drawings

The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the first and second hubs each have a third profile for engaging a third partial shell (claim 22), a third partial shell and a fourth partial shell (claim 36) must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the

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drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 U.S.C. § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-3, 10-12 and 35, is rejected under 35 U.S.C. 102(b) as being anticipated by Ward et al. (US 5,915,305).

With respect to claims 1, 10-12 and 35, Ward et al. teaches a printing press having a structure which meets the structure as broadly claimed. For example, Ward et al. teaches a printing cylinder 10 having a first and second hubs 130 (Ward et al., Figs.2 and 3) having bores which engages a shaft 56 (Ward et al.Fig.7) and profiles which engage the partial shell 52 and 54 via the profiles 62 and 92. With respect to claims 2 and 3, each of the hubs 130 comprises an upper hub section 132 including clearance holes 136 and the lower hub section 152 which has threaded holes 156 and threaded fastener 144 as shown in Fig.2 of Ward et al.

Claim Rejections - 35 U.S.C. § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) a patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 22 and 31-34 and 36-38 are rejected under 35 U.S.C. § 103 (a) as being unpatentable over Ward et al. (US 5,915,305).

With respect to claims 22 and 36, Ward et al. teaches all that is claimed, except for the hubs having a third profile for engaging a third partial shell. However, the provision of a plurality of a single element taught by the prior art has long been held to be an obvious expedient, it would have been obvious to one of ordinary skill in the art to provide the third and fourth partial shells and the hubs which engage the shells in Ward et al. for ease of manufacture and packing and transporting the parts.

With respect to claims 31, 32 and 34, Ward et al. teaches a method for installing a cylinder in a printing press which includes the steps of attaching a pair of hubs 130 on the shaft 56 and attaching the first and second partial shells on the hubs via pins 142 and 162. Ward et al. does not teach the use of the latches for attaching the partial shell to the hubs. However, one of ordinary skill in the art latch would have been well aware of the interchangeability of other well-known fastening means such as latches or hooks or spring-clip and would have found their use in place of the pins 142 and 162 of Ward et al. to have been obvious. With respect to claim 33,

Ward et al. renders obvious the steps of manually opening the latches, removing the the partial shells from the hubs since the steps of removing the hubs must be in reversed order of the installing steps, i.e., the hubs can only be removed if the partial shell are released from the step of opening latches.

Allowable Subject Matter

As presently advised it appears that claims 4-9 and 13-21 avoid the prior art but are objected to as depending from the rejected claims. These claims if properly rewritten in independent form and would be allowable.

Conclusion

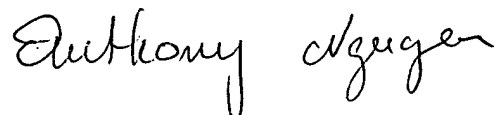
The patents to Greene, Duarte, DeMoore, Sanford and Bolza-Schünemann et al. are cited to show other structures and methods having obvious similarities to the claimed structure and method.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anthony Nguyen whose telephone number is (571) 272-2169.

The examiner can normally be reached daily from 9 AM to 5PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Hirshfeld, can be reached on (571) 272-2168.

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The fax phone number for this Group is (703) 872-9306.

A handwritten signature in black ink, appearing to read "Anthony Nguyen". The signature is fluid and cursive, with the first name "Anthony" written in a larger, more prominent script than the last name "Nguyen".

Anthony Nguyen

5/13/05

Patent Examiner

Technology Center 2800